TEMPORARY GRAVEL CONSTRUCTION ENTRANCE

DEFINITION
A stone stabilized pad located at points of vehicular ingress and egress on a construction site.

PURPOSE
To reduce the amount of sediment transported onto public roads by motor vehicles or runoff.

CONDITIONS WHERE PRACTICE APPLIES
Wherever traffic will be leaving a construction site and moves directly onto a public road or other paved area.

PLANNING CONSIDERATIONS
Construction entrances provide an area where mud can be removed from construction vehicle tires before the enter a public road. If the action of the vehicle traveling over the gravel pad is not sufficient to remove the majority of the mud, then the tires must be washed before the vehicle enters a public road. If washing is used, provisions must be made to intercept the wash water and trap the sediment before it is carried off-site. Construction entrances should be used in conjunction with the stabilization of construction roads to reduce the amount of mud picked up by construction vehicles.

DESIGN CRITERIA

AGGREGATE SIZE
FDOT aggregate No. 1 (1.5 - 3.5 inch stone) should be used.

ENTRANCE DIMENSIONS
Aggregate layer must be at least 6 inches thick. It must extend the full width of the vehicular ingress and egress area. The length of the entrance must be at least 50 feet. (See Detail).

WASHING
If conditions of the site are such that the majority of the mud is not removed by the vehicles traveling over the gravel, then the tires of the vehicles must be washed before entering a public road. Wash water must be carried away from the entrance to a settling area to remove sediment. A wash rack may also be used to make washing more convenient and effective. See Detail.

LOCATION
The entrance should be located to provide for maximum utility by all construction vehicles.

Indicate proposed location of gravel construction entrance on the grading plan.

CONSTRUCTION SPECIFICATIONS
The area of the entrance should be cleared of all vegetation, roots and other objectionable material. The gravel shall be placed to the specified dimensions. Any drainage facilities required because of washing should be constructed according to specifications. If wash racks are used, they should be constructed according to specifications. If wash racks are to manufacturer's specifications.

MAINTENANCE
The entrance shall be maintained in a condition which will prevent tracking of flow of mud onto public rights-of-way. This may require periodic top dressing with 2-inch stone, as conditions demand and repair and/or cleanout of any structures used to trap sediment. All materials spilled, dropped, washed or tracked from vehicles onto roadways or into storm drains must be removed immediately.

NOTE: Comply with FDOT requirements for soil tracking prevention device in FDOT roadway row (Index No. 106)